



3 A(2,0,-1), B(-2,6,3) e ((0,3,4) AC=(-2,3,5) AB=(-4,6,4) ABXAC=(12,12,-36) 12x+124-362+000 22(2)+12(0)-36(1)+0=0 24+0+3640=0 J2x+12y-36z-60=0 60+0=0 D = -60 (13) A(2,0,-2) u= i-j+ k e V=2 i+3} " 4XV=(3, 32,4) 3X-24+4z+0=0 3(2)-2(0)44(2)+0=0 3x -24 +4z +2=0 6-0-1+D=0 D=2 EWA(-3,1,2) . B(-1,2,7) n: x = Z, y=4 Λ = B - A = (2/2,3) 2444432 +0=0 2(-3)+1+3(-2)+0=6 2×+4+32+11=0 -641-6+0=0 -11+0=0 (15) A (1,-2,2) e B(3,1,2) #= 2×44-Z48=0 (2,2,-1) X(-4,3,-4)=(-7,-6,-2) AB=(-4,3,-4) -7x-6y-22+D=0 -77-69-27-1-0 -7(4)-6(-2)-2(2)+0=0 -7+12-4+D=0

1=0 e4=0 0+0+2=-12=0 z=6 50 0+44+0-12=0 4=3 6) e (0,3,0) 344460) + 22=0 4=-4 (0,-4,0) 226 3944(0)+32=0 =-4 (0,-40)